Honeywell

Metrologic®

Metrologic is now part of Honeywell

Bluetooth Access Point

Wireless Communication Device

Honeywell's Bluetooth® access points provide customers with a flexible and convenient solution for wireless communication in a variety of environments, including retail, healthcare and manufacturing.

The access points separate charging from communication, allowing the devices to be positioned for the optimization of radio range. Choose from Class I (100 meters) or Class II (10 meters) Bluetooth communication to meet the specific needs of the application.

Achieve wireless connectivity with any Honeywell Bluetooth scanner, as well as any non-Honeywell device that supports the Bluetooth Serial Port Profile (SPP).

A multi-interface design enables the access points to be connected to the industry's most popular host systems, through a variety of interfaces including keyboard wedge, RS232, USB and IBM 46XX (RS485).

Access points connected to the MS1633 Focus*BT*® or the MS9535 Voyager*BT*® can be flash upgraded through RS232 or USB interfaces. Connected Focus*BT* and Voyager*BT* scanners can also be flashed or configured through the access point.

Engineered for use in challenging environments, Honeywell's access points utilize a single board construction that minimizes failure. An IP54-rated design also protects the devices from exposure to dust and splashing water.

Hard mounting is quick and easy using the built-in screw holes. The Bluetooth access points can also be mounted using the Velcro strips that are included in the kit.

For more information on the AP-010-BT and AP-100-BT Bluetooth access points, please visit www.honeywell.com/aidc

Features

- **Multiple On-Board Interfaces:** Reduces overall system cost
- **Scanner Paging:** Identifies connected scanner with the press of a single button
- **Manual Disconnect:** Disconnects device by simply pressing and holding the button
- **Auto-Reconnect:** Requires no user interaction to re-establish Bluetooth connection, when a connected scanner exits then re-enters range
- **Connection Indicator:** Visually displays when the access point is actively connected to a Bluetooth device
- **Environmentally Protected:** IP54-rated design withstands exposure to dust and splashing water, as well as drops from 1.5 meters

Bluetooth Access Point Technical Specifications

Operational	
Visual Indicators	Flashing Blue = not connected; Steady Blue = connected
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 46XX (RS485)
Wireless Technology	
Radio	2.4 to 2.4835 GHz (ISM Band) Frequency-Hopping Bluetooth v2.0
Range	Class 2: 10m (33ft) – Line of sight
Data Rate (Transmission Rate)	3 Mbit/s (2.1 Mbit/s)
Profiles	Serial Port Profile (SPP)
Security	Configurable: Mode 1, Mode 2, Mode 3
Connectivity	Point-to-Point (1 device)
Mechanical	
Dimensions (LxWxH)	109 mm x 77 mm x 26 mm (4.4“ x 3.1“ x 1.0”)
Weight	75g (2.7 oz)
Termination	10-pin modular RJ45
Electrical	
Input Voltage	5 VDC ± 0.25V
Operating Power	0.8 W (160 mA @ 5 V) – typical
DC Transformers	Class 2: 5.2 V @ 1 A
EMC	FCC Part 15, ICES-003, EN55022 Class B
Environmental	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% - 95% relative humidity, non-condensing
Drop	Designed to withstand 1.5m (5’) drops
Environmental Sealing	IP54

For more information:
www.honeywell.com/aidc

Security & Data Collection
Honeywell Scanning & Mobility
Honeywell
90 Coles Road
Blackwood, NJ 08012
856.228.8100
www.honeywell.com

Honeywell

© 2008 Honeywell International Inc.